



Western Michigan University
ScholarWorks at WMU

Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

8-31-2020

2020-08-31_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

Follow this and additional works at: <https://scholarworks.wmich.edu/michigan-covid-data-state-cumulative>



Part of the Public Health Commons

WMU ScholarWorks Citation

Michigan Department of Health & Human Services, "2020-08-31_MichiganOverview_COVIDstats" (2020).
Cumulative Michigan COVID-19 Data. 145.

<https://scholarworks.wmich.edu/michigan-covid-data-state-cumulative/145>

This Website is brought to you for free and open access
by the Michigan COVID-19 State Data at ScholarWorks at
WMU. It has been accepted for inclusion in Cumulative
Michigan COVID-19 Data by an authorized administrator
of ScholarWorks at WMU. For more information, please
contact wmu-scholarworks@wmich.edu.



Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS SYMPTOMS

CUMULATIVE RECOVERED



OUTBREAK REPORTING



CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

Select Preparedness Region:
All

Select County:
All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

2-36

37-249

250-2148

2149-18052

18053+

Michigan

Monday, August 31, 2020

Michigan (Statewide) Case Fatality Rate

6.3%

Current Totals

Case Status	Cases	Deaths
Confirmed	102,468	6,480
Probable	10,557	273
Total	113,025	6,753

Laboratory Testing

Test Type	Tests Performed
Diagnostic	2,796,262
Serology	257,840
Total	3,054,102

Microsoft Power BI

< 1 of 7 >

Q

X

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	2%
Non-Hispanic Latino	67%	84%
Unknown	25%	14%

Totals may not add to 100% due to rounding

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/3

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	4%	2%
Non-Arab	49%	46%
Unknown	47%	52%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 8/31/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 08/28/2020): **76,151**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on August 28, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to July 29, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

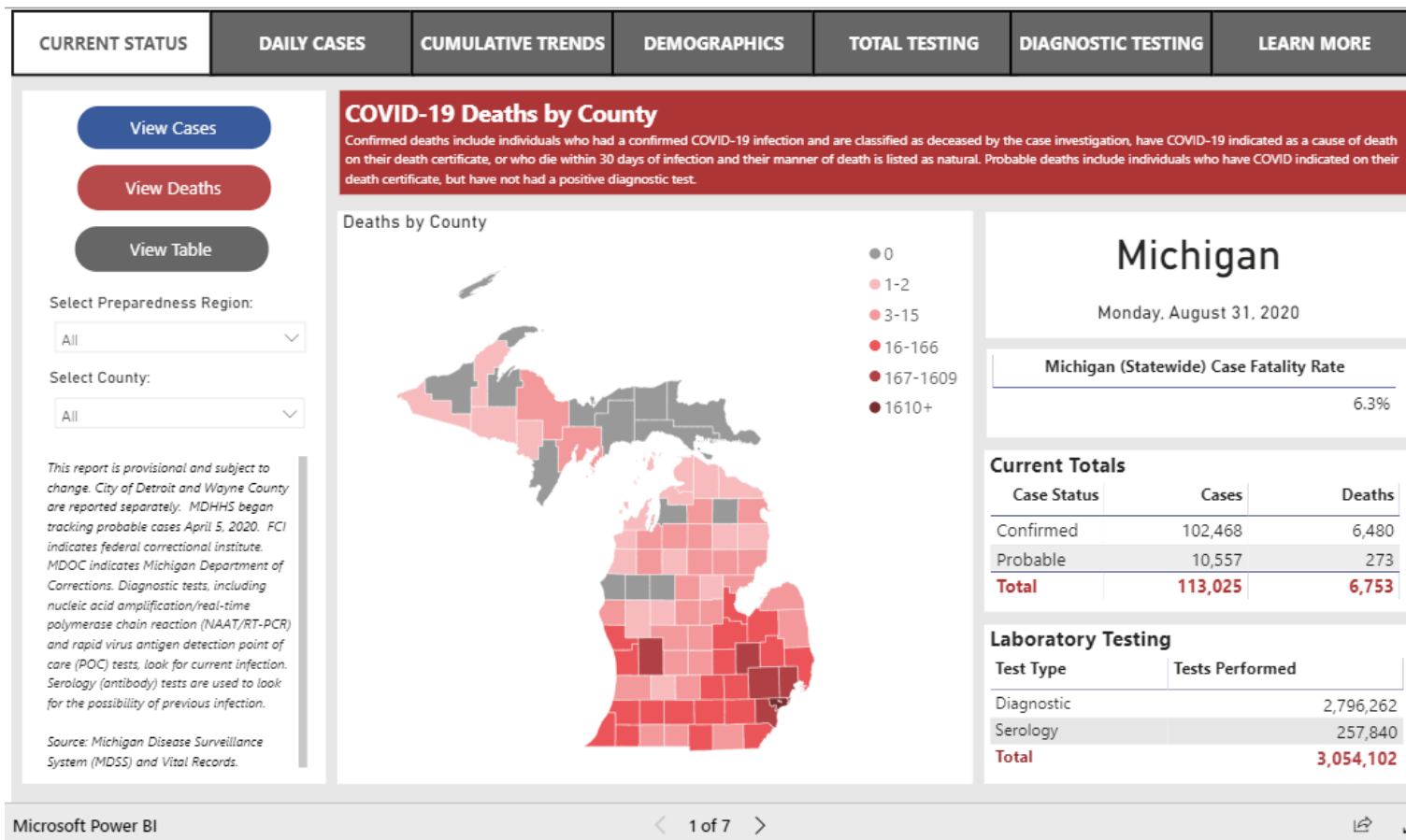
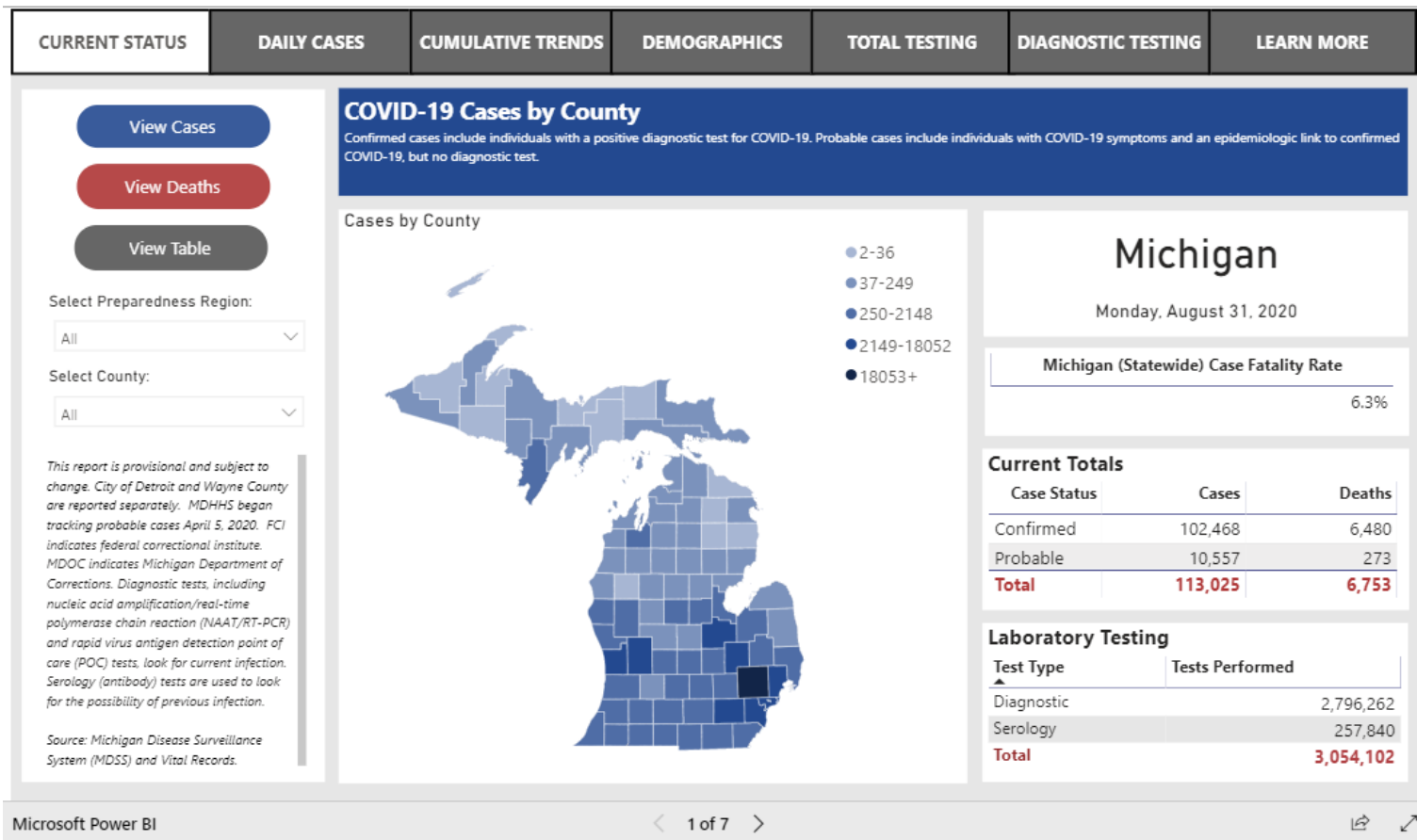
Source: Michigan Disease Surveillance System and Vital Records

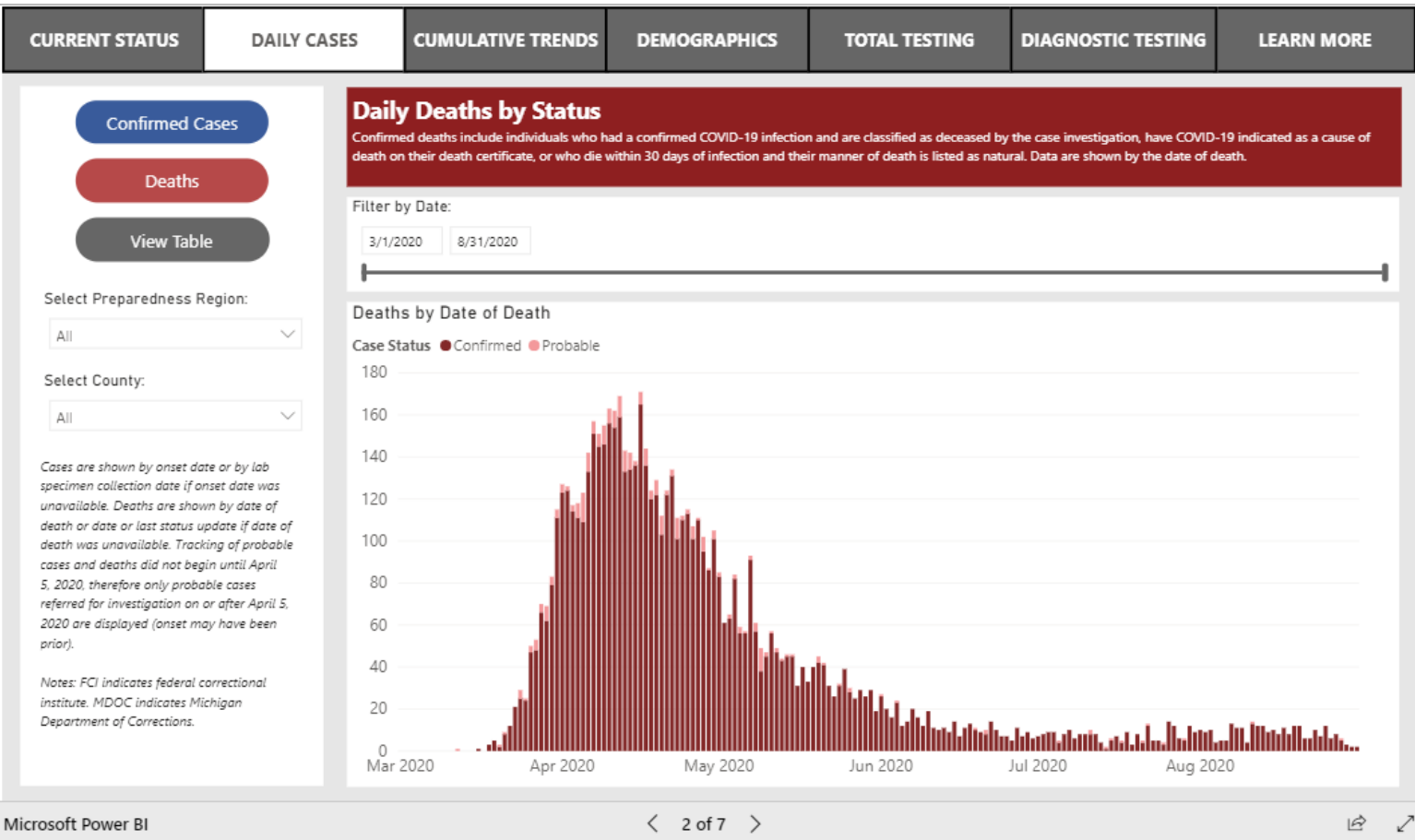
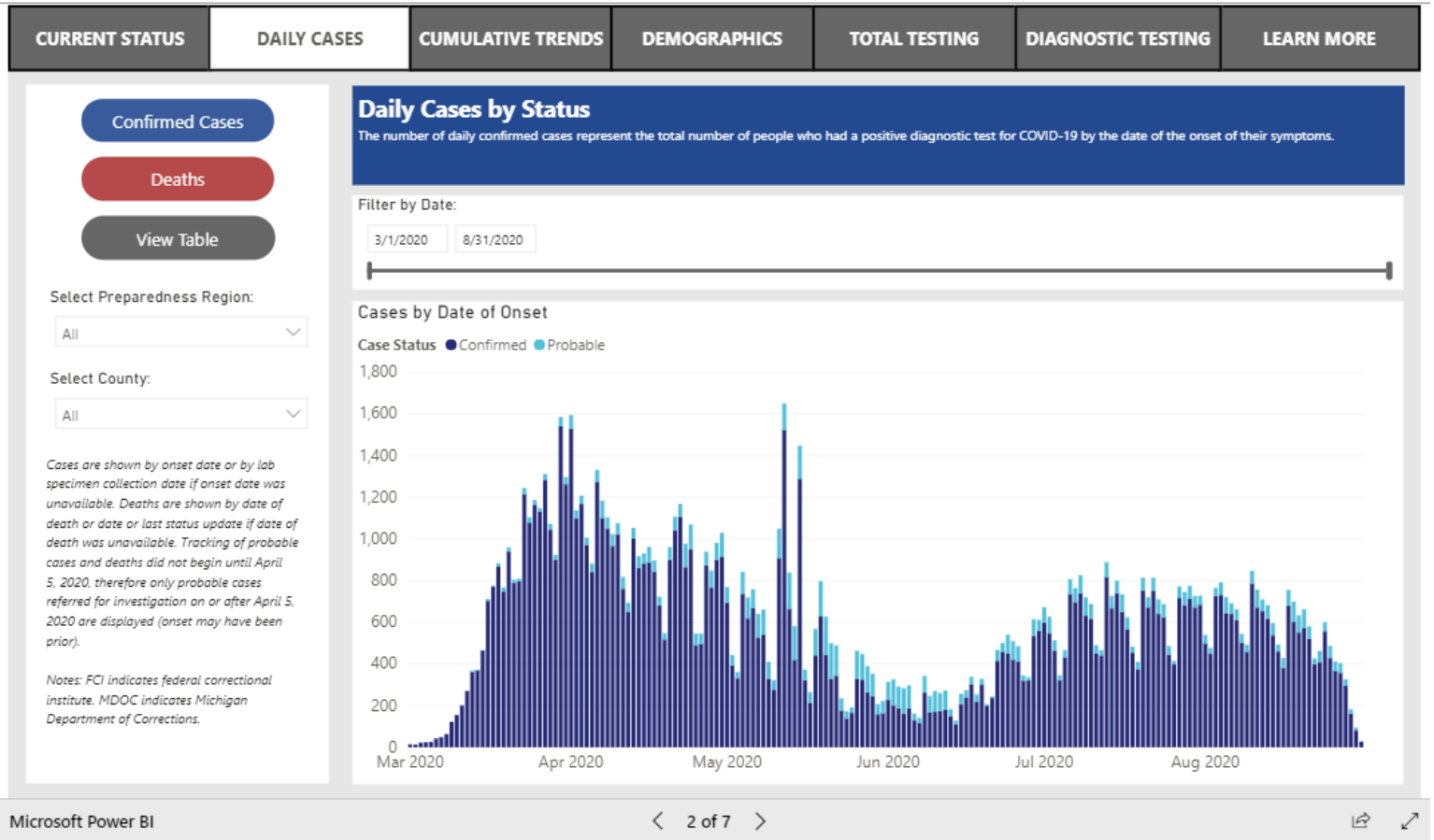


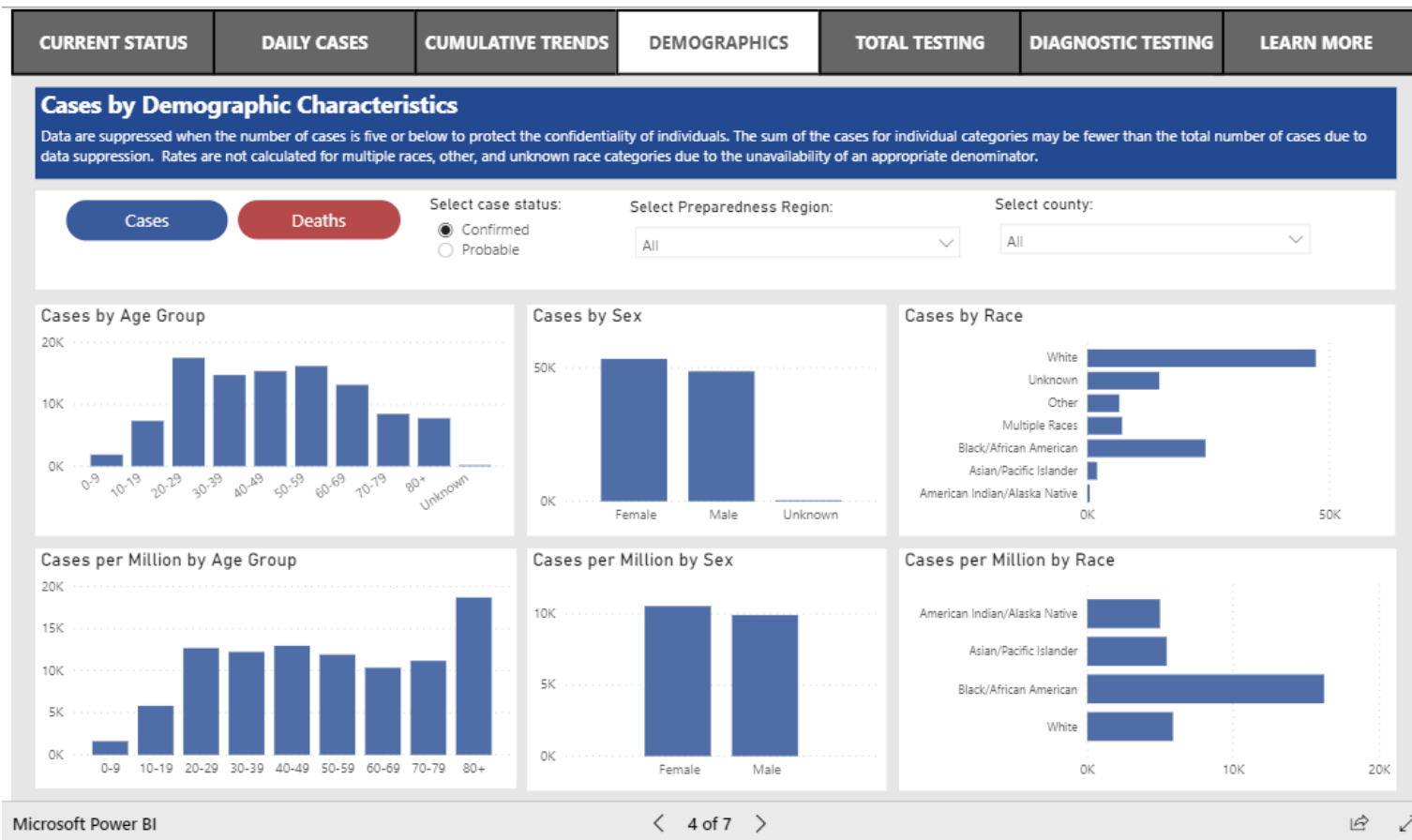
MICHIGAN.GOV HOME
ADA
MICHIGAN NEWS
POLICIES

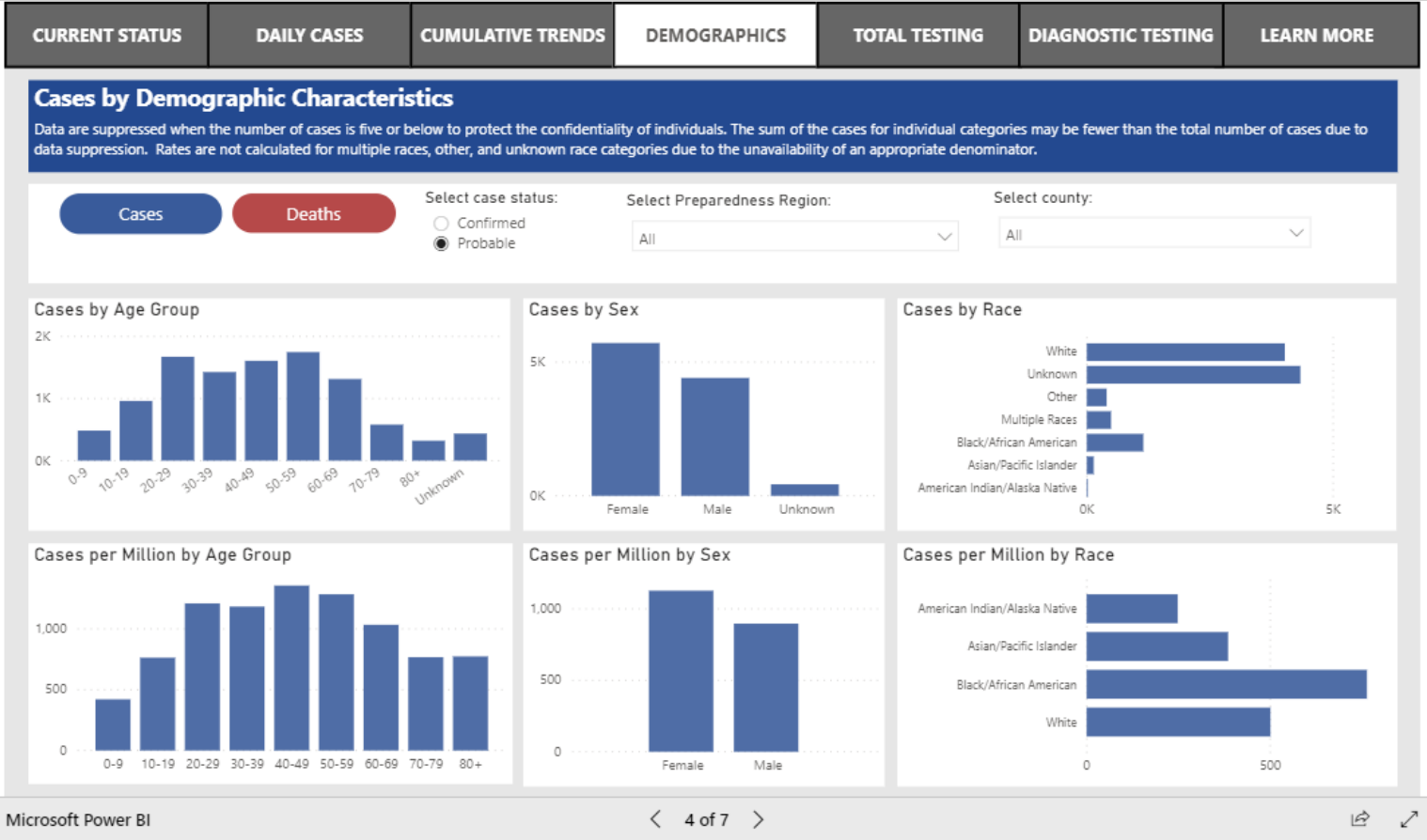
COPYRIGHT 2020 STATE OF MICHIGAN



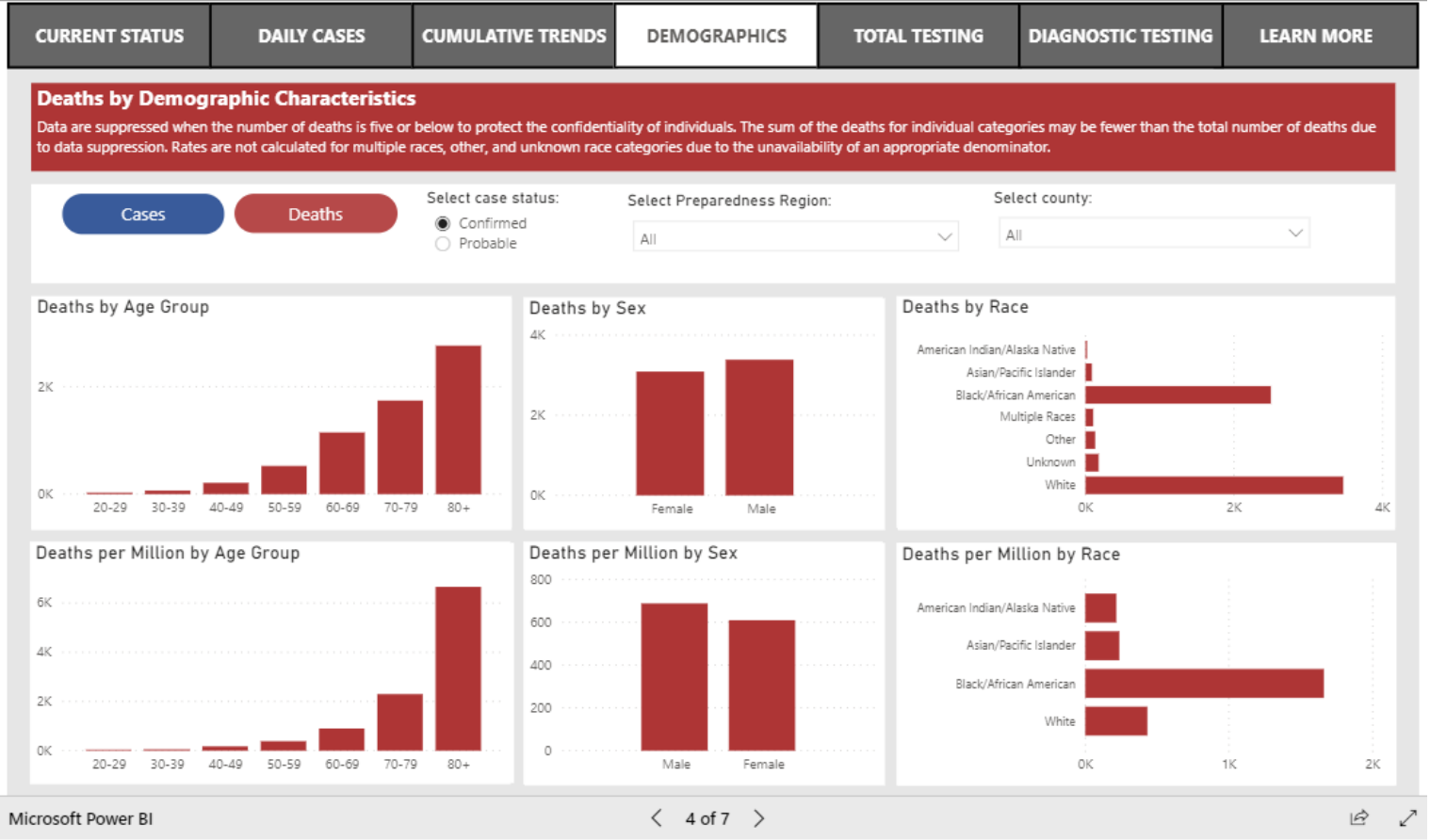








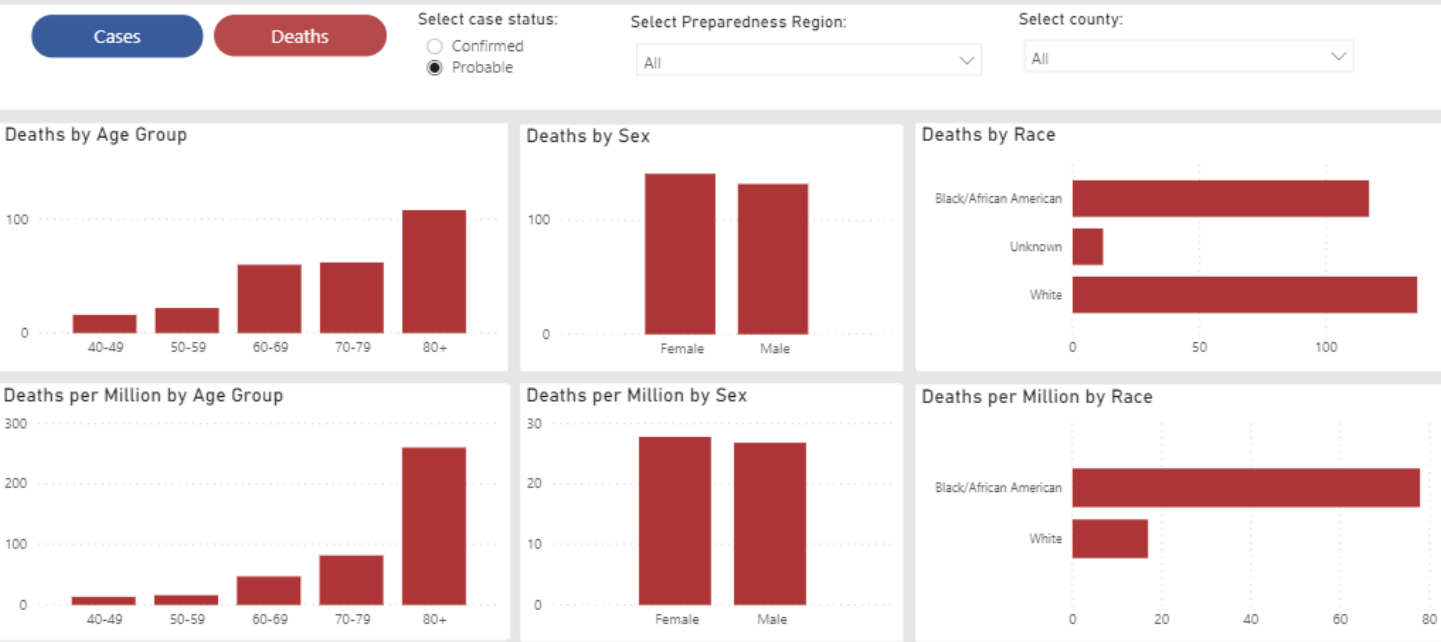
Microsoft Power BI < 4 of 7 >



Microsoft Power BI < 4 of 7 >

Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



View Table

View Charts

Select Preparedness Region:

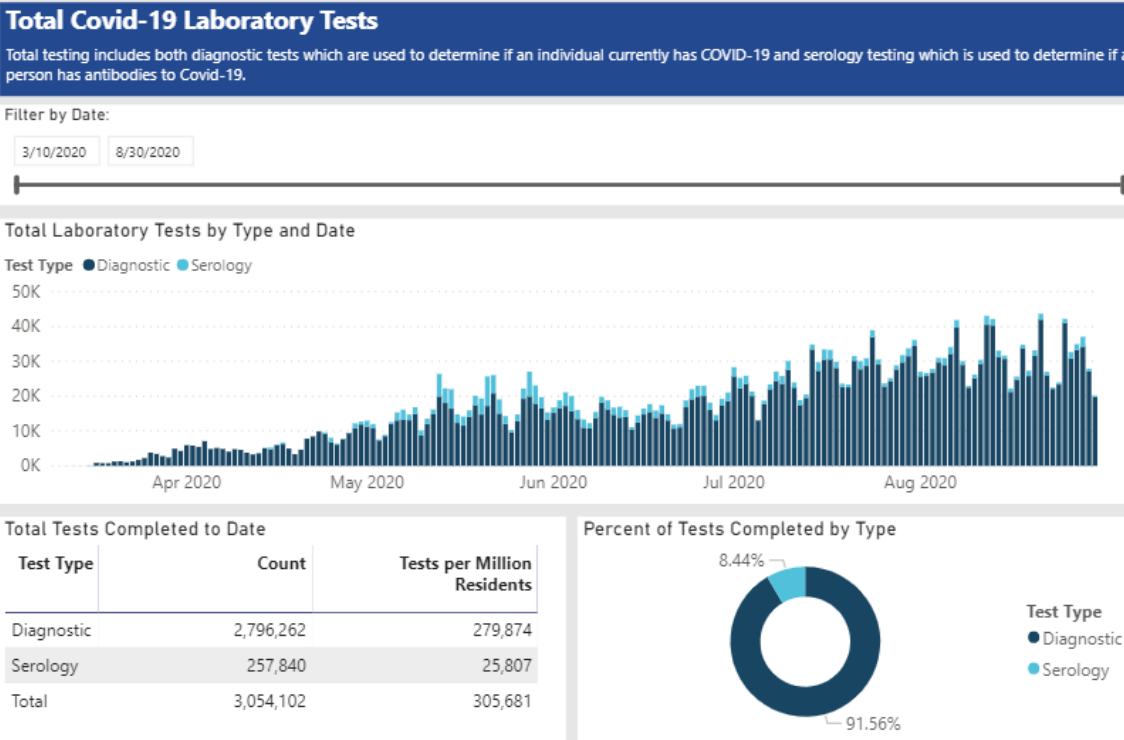
All

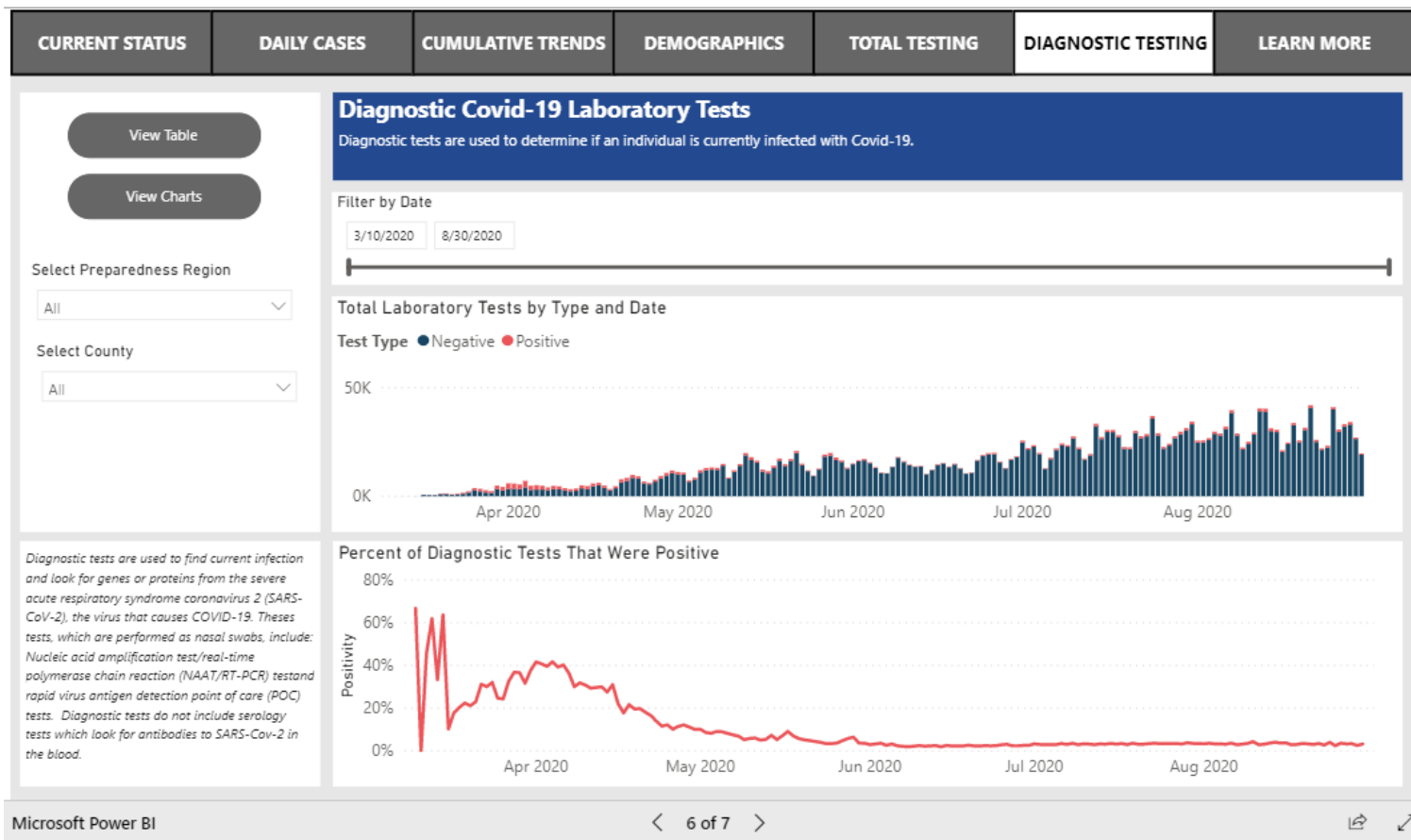
Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.





CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
<p>Where does the data come from?</p> <p>The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the Michigan Disease Surveillance System (MDSS). Provisional Death data are provided by the MDHHS Division for Vital Records & Health Statistics.</p> <p>How does MDHHS classify confirmed and probable cases?</p> <p>Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.</p> <p>How does MDHHS classify confirmed and probable deaths?</p> <p>Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.</p> <p>Why do the number of probable cases fluctuate?</p> <p>The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.</p> <p>Why do data in the demographics tab not sum to the total number of cases for a county or region?</p> <p>Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.</p> <p>Where can I get more information about COVID-19?</p> <p>Visit https://www.michigan.gov/coronavirus to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit https://www.cdc.gov/coronavirus/2019-ncov.</p>						

Microsoft Power BI

< 7 of 7 >

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-08-31

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/08/31 13:38:04	Alcona	29	2	5	0
2020/08/31 13:38:04	Alger	16	0	1	0
2020/08/31 13:38:04	Allegan	572	6	71	0
2020/08/31 13:38:04	Alpena	118	14	14	0
2020/08/31 13:38:04	Antrim	53	0	7	0
2020/08/31 13:38:04	Arenac	53	3	6	0
2020/08/31 13:38:04	Baraga	6	0	2	0
2020/08/31 13:38:04	Barry	188	2	26	0
2020/08/31 13:38:04	Bay	743	41	82	0
2020/08/31 13:38:04	Benzie	45	2	2	0
2020/08/31 13:38:04	Berrien	1430	70	184	0
2020/08/31 13:38:04	Branch	440	3	43	0
2020/08/31 13:38:04	Calhoun	881	43	113	1
2020/08/31 13:38:04	Cass	382	16	30	0
2020/08/31 13:38:04	Charlevoix	67	2	5	0
2020/08/31 13:38:04	Cheboygan	66	2	13	0
2020/08/31 13:38:04	Chippewa	37	0	20	0
2020/08/31 13:38:04	Clare	90	4	9	0
2020/08/31 13:38:04	Clinton	414	13	74	0
2020/08/31 13:38:04	Crawford	104	5	9	0
2020/08/31 13:38:04	Delta	130	3	27	0
2020/08/31 13:38:04	Dickinson	64	2	1	0
2020/08/31 13:38:04	Eaton	453	8	59	0
2020/08/31 13:38:04	Emmet	115	2	10	0
2020/08/31 13:38:04	Genesee	3219	279	748	26
2020/08/31 13:38:04	Gladwin	71	2	7	0
2020/08/31 13:38:04	Gogebic	134	1	10	0
2020/08/31 13:38:04	Grand Traverse	317	6	36	0
2020/08/31 13:38:04	Gratiot	169	15	19	0
2020/08/31 13:38:04	Hillsdale	279	26	24	0
2020/08/31 13:38:04	Houghton	62	1	12	0
2020/08/31 13:38:04	Huron	170	4	31	0
2020/08/31 13:38:04	Ingham	1735	41	48	0
2020/08/31 13:38:04	Ionia	264	7	34	0
2020/08/31 13:38:04	Iosco	119	11	24	1
2020/08/31 13:38:04	Iron	33	1	2	0
2020/08/31 13:38:04	Isabella	435	9	56	0
2020/08/31 13:38:04	Jackson	804	39	23	1
2020/08/31 13:38:04	Kalamazoo	1795	86	147	2
2020/08/31 13:38:04	Kalkaska	52	4	13	0
2020/08/31 13:38:04	Kent	7751	163	733	4
2020/08/31 13:38:04	Keweenaw	2	0		
2020/08/31 13:38:04	Lake	28	0	1	0
2020/08/31 13:38:04	Lapeer	453	34	83	1
2020/08/31 13:38:04	Leelanau	84	1	7	0
2020/08/31 13:38:04	Lenawee	525	13	45	0
2020/08/31 13:38:04	Livingston	935	28	174	1

2020/08/31 13:38:04	Luce	5	0		
2020/08/31 13:38:04	Mackinac	29	0	8	0
2020/08/31 13:38:04	Macomb	12325	929	455	39
2020/08/31 13:38:04	Manistee	49	1	5	0
2020/08/31 13:38:04	Marquette	210	11	34	0
2020/08/31 13:38:04	Mason	108	0	12	0
2020/08/31 13:38:04	Mecosta	82	2	6	0
2020/08/31 13:38:04	Menominee	219	0	31	0
2020/08/31 13:38:04	Midland	329	11	88	0
2020/08/31 13:38:04	Missaukee	32	1	14	0
2020/08/31 13:38:04	Monroe	1170	26	150	1
2020/08/31 13:38:04	Montcalm	204	4	20	0
2020/08/31 13:38:04	Montmorency	11	0	1	0
2020/08/31 13:38:04	Muskegon	1281	67	58	0
2020/08/31 13:38:04	Newaygo	284	1	14	0
2020/08/31 13:38:04	Oakland	14452	1120	3601	43
2020/08/31 13:38:04	Oceana	475	6	26	0
2020/08/31 13:38:04	Ogemaw	44	4	14	0
2020/08/31 13:38:04	Ontonagon	33	0	1	0
2020/08/31 13:38:04	Osceola	70	0	9	0
2020/08/31 13:38:04	Oscoda	22	1	7	0
2020/08/31 13:38:04	Otsego	123	11	21	0
2020/08/31 13:38:04	Ottawa	2023	58	126	5
2020/08/31 13:38:04	Presque Isle	19	1	2	0
2020/08/31 13:38:04	Roscommon	59	4	17	0
2020/08/31 13:38:04	Saginaw	2370	129	158	4
2020/08/31 13:38:04	Sanilac	120	6	5	1
2020/08/31 13:38:04	Schoolcraft	14	0	1	0
2020/08/31 13:38:04	Shiawassee	394	28	27	1
2020/08/31 13:38:04	St Clair	798	52	125	1
2020/08/31 13:38:04	St Joseph	594	11	89	0
2020/08/31 13:38:04	Tuscola	401	29	53	0
2020/08/31 13:38:04	Van Buren	557	14	71	2
2020/08/31 13:38:04	Washtenaw	2569	114	334	1
2020/08/31 13:38:04	Wayne	15743	1236	855	37
2020/08/31 13:38:04	Wexford	89	4	13	0
2020/08/31 13:38:04	MDOC	5276	71	8	0
2020/08/31 13:38:04	FCI	191	5	5	0
2020/08/31 13:38:04	Out-of-State	110	0	3	0
2020/08/31 13:38:04	Unknown	2	0	17	0
2020/08/31 13:38:04	Detroit City	13650	1509	983	101

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-08-31

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	6	0
Confirmed	10-19	American Indian/Alaska Native	Female	22	0
Confirmed	20-29	American Indian/Alaska Native	Female	43	0
Confirmed	30-39	American Indian/Alaska Native	Female	40	0
Confirmed	40-49	American Indian/Alaska Native	Female	42	0
Confirmed	50-59	American Indian/Alaska Native	Female	47	0
Confirmed	60-69	American Indian/Alaska Native	Female	20	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	18	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	7	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	17	0
Confirmed	10-19	Asian/Pacific Islander	Female	51	0
Confirmed	20-29	Asian/Pacific Islander	Female	171	0
Confirmed	30-39	Asian/Pacific Islander	Female	212	0
Confirmed	40-49	Asian/Pacific Islander	Female	204	0
Confirmed	50-59	Asian/Pacific Islander	Female	170	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	102	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	50	11
Confirmed	80+	Asian/Pacific Islander	Female	57	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	168	Suppressed
Confirmed	10-19	Black/African American	Female	445	Suppressed
Confirmed	20-29	Black/African American	Female	1978	Suppressed
Confirmed	30-39	Black/African American	Female	1965	8
Confirmed	40-49	Black/African American	Female	2122	52
Confirmed	50-59	Black/African American	Female	2057	105
Confirmed	60-69	Black/African American	Female	1879	229
Confirmed	70-79	Black/African American	Female	1294	317
Confirmed	80+	Black/African American	Female	1021	419
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	67	0
Confirmed	10-19	Multiple Races	Female	287	0
Confirmed	20-29	Multiple Races	Female	754	0
Confirmed	30-39	Multiple Races	Female	602	0
Confirmed	40-49	Multiple Races	Female	700	Suppressed
Confirmed	50-59	Multiple Races	Female	736	Suppressed
Confirmed	60-69	Multiple Races	Female	451	Suppressed
Confirmed	70-79	Multiple Races	Female	213	11
Confirmed	80+	Multiple Races	Female	205	22
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	124	0
Confirmed	10-19	Other	Female	353	0
Confirmed	20-29	Other	Female	721	0
Confirmed	30-39	Other	Female	564	Suppressed
Confirmed	40-49	Other	Female	559	Suppressed
Confirmed	50-59	Other	Female	377	Suppressed
Confirmed	60-69	Other	Female	243	14

Confirmed	70-79	Other	Female	127	15
Confirmed	80+	Other	Female	107	22
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	104	0
Confirmed	10-19	Unknown	Female	613	0
Confirmed	20-29	Unknown	Female	1221	0
Confirmed	30-39	Unknown	Female	1008	0
Confirmed	40-49	Unknown	Female	1149	Suppressed
Confirmed	50-59	Unknown	Female	1146	6
Confirmed	60-69	Unknown	Female	863	14
Confirmed	70-79	Unknown	Female	488	23
Confirmed	80+	Unknown	Female	535	36
Confirmed	Unknown	Unknown	Female	6	0
Confirmed	0-9	White	Female	371	0
Confirmed	10-19	White	Female	2052	0
Confirmed	20-29	White	Female	4628	Suppressed
Confirmed	30-39	White	Female	3116	9
Confirmed	40-49	White	Female	3203	22
Confirmed	50-59	White	Female	3545	67
Confirmed	60-69	White	Female	2818	170
Confirmed	70-79	White	Female	2061	379
Confirmed	80+	White	Female	3093	1073
Confirmed	Unknown	White	Female	12	0
Confirmed	0-9	American Indian/Alaska Native	Male	9	0
Confirmed	10-19	American Indian/Alaska Native	Male	9	0
Confirmed	20-29	American Indian/Alaska Native	Male	35	0
Confirmed	30-39	American Indian/Alaska Native	Male	35	0
Confirmed	40-49	American Indian/Alaska Native	Male	44	0
Confirmed	50-59	American Indian/Alaska Native	Male	38	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	27	6
Confirmed	70-79	American Indian/Alaska Native	Male	16	6
Confirmed	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	35	0
Confirmed	10-19	Asian/Pacific Islander	Male	45	0
Confirmed	20-29	Asian/Pacific Islander	Male	182	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	190	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	163	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	139	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	104	12
Confirmed	70-79	Asian/Pacific Islander	Male	48	14
Confirmed	80+	Asian/Pacific Islander	Male	34	16
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	159	0
Confirmed	10-19	Black/African American	Male	415	0
Confirmed	20-29	Black/African American	Male	1464	9
Confirmed	30-39	Black/African American	Male	1593	28
Confirmed	40-49	Black/African American	Male	1772	70
Confirmed	50-59	Black/African American	Male	2123	191
Confirmed	60-69	Black/African American	Male	2012	343

Confirmed	70-79	Black/African American	Male	1283	415
Confirmed	80+	Black/African American	Male	596	302
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	84	0
Confirmed	10-19	Multiple Races	Male	268	0
Confirmed	20-29	Multiple Races	Male	568	0
Confirmed	30-39	Multiple Races	Male	486	0
Confirmed	40-49	Multiple Races	Male	517	Suppressed
Confirmed	50-59	Multiple Races	Male	528	Suppressed
Confirmed	60-69	Multiple Races	Male	380	21
Confirmed	70-79	Multiple Races	Male	193	16
Confirmed	80+	Multiple Races	Male	88	17
Confirmed	Unknown	Multiple Races	Male	0	0
Confirmed	0-9	Other	Male	153	0
Confirmed	10-19	Other	Male	359	0
Confirmed	20-29	Other	Male	726	Suppressed
Confirmed	30-39	Other	Male	675	Suppressed
Confirmed	40-49	Other	Male	595	Suppressed
Confirmed	50-59	Other	Male	432	9
Confirmed	60-69	Other	Male	262	24
Confirmed	70-79	Other	Male	131	18
Confirmed	80+	Other	Male	54	12
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	132	0
Confirmed	10-19	Unknown	Male	631	0
Confirmed	20-29	Unknown	Male	1316	Suppressed
Confirmed	30-39	Unknown	Male	1221	Suppressed
Confirmed	40-49	Unknown	Male	1318	11
Confirmed	50-59	Unknown	Male	1280	9
Confirmed	60-69	Unknown	Male	917	15
Confirmed	70-79	Unknown	Male	436	23
Confirmed	80+	Unknown	Male	256	32
Confirmed	Unknown	Unknown	Male	8	0
Confirmed	0-9	White	Male	438	0
Confirmed	10-19	White	Male	1759	0
Confirmed	20-29	White	Male	3663	Suppressed
Confirmed	30-39	White	Male	2998	13
Confirmed	40-49	White	Male	2939	38
Confirmed	50-59	White	Male	3554	121
Confirmed	60-69	White	Male	3066	291
Confirmed	70-79	White	Male	2090	491
Confirmed	80+	White	Male	1685	785
Confirmed	Unknown	White	Male	8	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	0	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	0	0
Confirmed	10-19	Black/African American	Unknown	Suppressed	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	Suppressed	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	0	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	7	0
Confirmed	10-19	Unknown	Unknown	11	0
Confirmed	20-29	Unknown	Unknown	43	0
Confirmed	30-39	Unknown	Unknown	25	0
Confirmed	40-49	Unknown	Unknown	34	0
Confirmed	50-59	Unknown	Unknown	24	0
Confirmed	60-69	Unknown	Unknown	8	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	7	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	6	0
Confirmed	20-29	White	Unknown	9	0
Confirmed	30-39	White	Unknown	6	0
Confirmed	40-49	White	Unknown	Suppressed	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	Suppressed	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	8	0
Probable	20-29	Asian/Pacific Islander	Female	20	0
Probable	30-39	Asian/Pacific Islander	Female	16	0
Probable	40-49	Asian/Pacific Islander	Female	6	0
Probable	50-59	Asian/Pacific Islander	Female	11	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	20	0
Probable	10-19	Black/African American	Female	39	0
Probable	20-29	Black/African American	Female	108	0
Probable	30-39	Black/African American	Female	90	0
Probable	40-49	Black/African American	Female	123	Suppressed
Probable	50-59	Black/African American	Female	129	6
Probable	60-69	Black/African American	Female	109	11
Probable	70-79	Black/African American	Female	44	10
Probable	80+	Black/African American	Female	32	22
Probable	Unknown	Black/African American	Female	Suppressed	0
Probable	0-9	Multiple Races	Female	14	0
Probable	10-19	Multiple Races	Female	22	0
Probable	20-29	Multiple Races	Female	42	0
Probable	30-39	Multiple Races	Female	21	0
Probable	40-49	Multiple Races	Female	49	0
Probable	50-59	Multiple Races	Female	52	0
Probable	60-69	Multiple Races	Female	38	0

Probable	70-79	Multiple Races	Female	11	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	10	0
Probable	0-9	Other	Female	19	0
Probable	10-19	Other	Female	32	0
Probable	20-29	Other	Female	37	0
Probable	30-39	Other	Female	39	0
Probable	40-49	Other	Female	31	0
Probable	50-59	Other	Female	23	Suppressed
Probable	60-69	Other	Female	15	Suppressed
Probable	70-79	Other	Female	8	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	37	0
Probable	10-19	Unknown	Female	153	0
Probable	20-29	Unknown	Female	362	0
Probable	30-39	Unknown	Female	297	0
Probable	40-49	Unknown	Female	393	0
Probable	50-59	Unknown	Female	406	0
Probable	60-69	Unknown	Female	332	Suppressed
Probable	70-79	Unknown	Female	139	0
Probable	80+	Unknown	Female	67	Suppressed
Probable	Unknown	Unknown	Female	33	0
Probable	0-9	White	Female	119	0
Probable	10-19	White	Female	228	0
Probable	20-29	White	Female	369	0
Probable	30-39	White	Female	284	0
Probable	40-49	White	Female	349	Suppressed
Probable	50-59	White	Female	383	Suppressed
Probable	60-69	White	Female	246	15
Probable	70-79	White	Female	134	17
Probable	80+	White	Female	92	42
Probable	Unknown	White	Female	31	0
Probable	0-9	American Indian/Alaska Native	Male	0	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	0	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	12	0
Probable	10-19	Asian/Pacific Islander	Male	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Male	13	0
Probable	30-39	Asian/Pacific Islander	Male	18	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	7	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	0
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	31	0
Probable	10-19	Black/African American	Male	33	0
Probable	20-29	Black/African American	Male	54	0
Probable	30-39	Black/African American	Male	52	0
Probable	40-49	Black/African American	Male	52	7
Probable	50-59	Black/African American	Male	82	6
Probable	60-69	Black/African American	Male	78	16
Probable	70-79	Black/African American	Male	43	23
Probable	80+	Black/African American	Male	17	13
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	16	0
Probable	10-19	Multiple Races	Male	20	0
Probable	20-29	Multiple Races	Male	30	0
Probable	30-39	Multiple Races	Male	32	0
Probable	40-49	Multiple Races	Male	41	0
Probable	50-59	Multiple Races	Male	32	0
Probable	60-69	Multiple Races	Male	21	0
Probable	70-79	Multiple Races	Male	11	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	10	0
Probable	0-9	Other	Male	18	0
Probable	10-19	Other	Male	35	0
Probable	20-29	Other	Male	41	0
Probable	30-39	Other	Male	28	0
Probable	40-49	Other	Male	23	0
Probable	50-59	Other	Male	19	0
Probable	60-69	Other	Male	16	Suppressed
Probable	70-79	Other	Male	6	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	40	0
Probable	10-19	Unknown	Male	152	0
Probable	20-29	Unknown	Male	282	0
Probable	30-39	Unknown	Male	294	Suppressed
Probable	40-49	Unknown	Male	280	Suppressed
Probable	50-59	Unknown	Male	300	Suppressed
Probable	60-69	Unknown	Male	226	Suppressed
Probable	70-79	Unknown	Male	92	Suppressed
Probable	80+	Unknown	Male	40	Suppressed
Probable	Unknown	Unknown	Male	21	0
Probable	0-9	White	Male	135	0
Probable	10-19	White	Male	218	0
Probable	20-29	White	Male	287	Suppressed
Probable	30-39	White	Male	229	Suppressed
Probable	40-49	White	Male	231	Suppressed
Probable	50-59	White	Male	284	Suppressed
Probable	60-69	White	Male	211	12

Probable	70-79	White	Male	84	10
Probable	80+	White	Male	60	23
Probable	Unknown	White	Male	19	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	0	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-9	Other	Unknown	0	0
Probable	10-19	Other	Unknown	0	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	0	0
Probable	50-59	Other	Unknown	0	0
Probable	60-69	Other	Unknown	0	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	8	0
Probable	10-19	Unknown	Unknown	13	0
Probable	20-29	Unknown	Unknown	16	0
Probable	30-39	Unknown	Unknown	20	0
Probable	40-49	Unknown	Unknown	15	0
Probable	50-59	Unknown	Unknown	12	0
Probable	60-69	Unknown	Unknown	11	0
Probable	70-79	Unknown	Unknown	Suppressed	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	287	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	Suppressed	0
Probable	20-29	White	Unknown	Suppressed	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	Suppressed	0
Probable	50-59	White	Unknown	Suppressed	0
Probable	60-69	White	Unknown	0	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	0	0
Probable	Unknown	White	Unknown	6	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-08-31

Updated	COUNTY	TestType	Count	RatePerMillion
2020/08/31 13:38:07	Alcona	Diagnostic	1608	154541
2020/08/31 13:38:07	Alcona	Serology	43	4133
2020/08/31 13:38:07	Alcona	Total	1651	158674
2020/08/31 13:38:07	Alger	Diagnostic	946	103865
2020/08/31 13:38:07	Alger	Serology	66	7246
2020/08/31 13:38:07	Alger	Total	1012	111111
2020/08/31 13:38:07	Allegan	Serology	728	6165
2020/08/31 13:38:07	Allegan	Diagnostic	25407	215166
2020/08/31 13:38:07	Allegan	Total	26135	221331
2020/08/31 13:38:07	Alpena	Diagnostic	2294	80760
2020/08/31 13:38:07	Alpena	Serology	125	4401
2020/08/31 13:38:07	Alpena	Total	2419	85161
2020/08/31 13:38:07	Antrim	Diagnostic	4141	177542
2020/08/31 13:38:07	Antrim	Serology	80	3430
2020/08/31 13:38:07	Antrim	Total	4221	180972
2020/08/31 13:38:07	Arenac	Diagnostic	3076	206679
2020/08/31 13:38:07	Arenac	Serology	118	7929
2020/08/31 13:38:07	Arenac	Total	3194	214607
2020/08/31 13:38:07	Baraga	Diagnostic	1628	198319
2020/08/31 13:38:07	Baraga	Serology	42	5116
2020/08/31 13:38:07	Baraga	Total	1670	203435
2020/08/31 13:38:07	Barry	Serology	569	9245
2020/08/31 13:38:07	Barry	Diagnostic	12928	210041
2020/08/31 13:38:07	Barry	Total	13497	219285
2020/08/31 13:38:07	Bay	Diagnostic	27661	268225
2020/08/31 13:38:07	Bay	Serology	1197	11607
2020/08/31 13:38:07	Bay	Total	28858	279832
2020/08/31 13:38:07	Benzie	Serology	43	2420
2020/08/31 13:38:07	Benzie	Diagnostic	3249	182877
2020/08/31 13:38:07	Benzie	Total	3292	185298
2020/08/31 13:38:07	Berrien	Diagnostic	52298	340923
2020/08/31 13:38:07	Berrien	Serology	1716	11186
2020/08/31 13:38:07	Berrien	Total	54014	352110
2020/08/31 13:38:07	Branch	Diagnostic	7246	166510
2020/08/31 13:38:07	Branch	Serology	139	3194
2020/08/31 13:38:07	Branch	Total	7385	169704
2020/08/31 13:38:07	Calhoun	Diagnostic	40025	298340
2020/08/31 13:38:07	Calhoun	Serology	681	5076
2020/08/31 13:38:07	Calhoun	Total	40706	303416
2020/08/31 13:38:07	Cass	Diagnostic	7977	154035
2020/08/31 13:38:07	Cass	Serology	216	4171
2020/08/31 13:38:07	Cass	Total	8193	158206
2020/08/31 13:38:07	Charlevoix	Diagnostic	5298	202655
2020/08/31 13:38:07	Charlevoix	Serology	318	12164
2020/08/31 13:38:07	Charlevoix	Total	5616	214818
2020/08/31 13:38:07	Cheboygan	Diagnostic	2768	109511
2020/08/31 13:38:07	Cheboygan	Serology	183	7240

2020/08/31 13:38:07	Cheboygan	Total	2951	116751
2020/08/31 13:38:07	Chippewa	Diagnostic	4029	107874
2020/08/31 13:38:07	Chippewa	Serology	85	2276
2020/08/31 13:38:07	Chippewa	Total	4114	110150
2020/08/31 13:38:07	Clare	Diagnostic	4002	129305
2020/08/31 13:38:07	Clare	Serology	215	6947
2020/08/31 13:38:07	Clare	Total	4217	136252
2020/08/31 13:38:07	Clinton	Diagnostic	14090	177021
2020/08/31 13:38:07	Clinton	Serology	2394	30077
2020/08/31 13:38:07	Clinton	Total	16484	207098
2020/08/31 13:38:07	Correctional	Serology	10574	
2020/08/31 13:38:07	Correctional	Diagnostic	69800	
2020/08/31 13:38:07	Correctional	Total	80374	
2020/08/31 13:38:07	Crawford	Diagnostic	2277	162307
2020/08/31 13:38:07	Crawford	Serology	49	3493
2020/08/31 13:38:07	Crawford	Total	2326	165799
2020/08/31 13:38:07	Delta	Diagnostic	7726	215907
2020/08/31 13:38:07	Delta	Serology	218	6092
2020/08/31 13:38:07	Delta	Total	7944	221999
2020/08/31 13:38:07	Detroit City	Diagnostic	226597	348716
2020/08/31 13:38:07	Detroit City	Serology	13032	20055
2020/08/31 13:38:07	Detroit City	Total	239629	368771
2020/08/31 13:38:07	Dickinson	Diagnostic	3235	128175
2020/08/31 13:38:07	Dickinson	Serology	68	2694
2020/08/31 13:38:07	Dickinson	Total	3303	130869
2020/08/31 13:38:07	Eaton	Serology	3619	32820
2020/08/31 13:38:07	Eaton	Diagnostic	30349	275229
2020/08/31 13:38:07	Eaton	Total	33968	308049
2020/08/31 13:38:07	Emmet	Serology	760	22744
2020/08/31 13:38:07	Emmet	Diagnostic	6503	194613
2020/08/31 13:38:07	Emmet	Total	7263	217357
2020/08/31 13:38:07	Genesee	Diagnostic	75896	187022
2020/08/31 13:38:07	Genesee	Serology	10013	24674
2020/08/31 13:38:07	Genesee	Total	85909	211696
2020/08/31 13:38:07	Gladwin	Diagnostic	4230	166215
2020/08/31 13:38:07	Gladwin	Serology	130	5108
2020/08/31 13:38:07	Gladwin	Total	4360	171323
2020/08/31 13:38:07	Gogebic	Diagnostic	5347	382612
2020/08/31 13:38:07	Gogebic	Serology	42	3005
2020/08/31 13:38:07	Gogebic	Total	5389	385617
2020/08/31 13:38:07	Grand Traverse	Diagnostic	18479	198511
2020/08/31 13:38:07	Grand Traverse	Serology	395	4243
2020/08/31 13:38:07	Grand Traverse	Total	18874	202754
2020/08/31 13:38:07	Gratiot	Diagnostic	12077	296652
2020/08/31 13:38:07	Gratiot	Serology	336	8253
2020/08/31 13:38:07	Gratiot	Total	12413	304905
2020/08/31 13:38:07	Hillsdale	Diagnostic	8810	193181
2020/08/31 13:38:07	Hillsdale	Serology	263	5767
2020/08/31 13:38:07	Hillsdale	Total	9073	198947
2020/08/31 13:38:07	Houghton	Diagnostic	6731	188628

2020/08/31 13:38:07	Houghton	Serology	108	3027
2020/08/31 13:38:07	Houghton	Total	6839	191655
2020/08/31 13:38:07	Huron	Serology	247	7973
2020/08/31 13:38:07	Huron	Diagnostic	7413	239276
2020/08/31 13:38:07	Huron	Total	7660	247248
2020/08/31 13:38:07	Ingham	Diagnostic	84401	288643
2020/08/31 13:38:07	Ingham	Serology	12214	41771
2020/08/31 13:38:07	Ingham	Total	96615	330414
2020/08/31 13:38:07	Ionia	Diagnostic	15390	237878
2020/08/31 13:38:07	Ionia	Serology	945	14607
2020/08/31 13:38:07	Ionia	Total	16335	252485
2020/08/31 13:38:07	Iosco	Diagnostic	5549	220838
2020/08/31 13:38:07	Iosco	Serology	128	5094
2020/08/31 13:38:07	Iosco	Total	5677	225932
2020/08/31 13:38:07	Iron	Diagnostic	4499	406561
2020/08/31 13:38:07	Iron	Serology	17	1536
2020/08/31 13:38:07	Iron	Total	4516	408097
2020/08/31 13:38:07	Isabella	Serology	457	6541
2020/08/31 13:38:07	Isabella	Diagnostic	9447	135204
2020/08/31 13:38:07	Isabella	Total	9904	141745
2020/08/31 13:38:07	Jackson	Diagnostic	46859	295622
2020/08/31 13:38:07	Jackson	Serology	1284	8100
2020/08/31 13:38:07	Jackson	Total	48143	303722
2020/08/31 13:38:07	Kalamazoo	Serology	2322	8760
2020/08/31 13:38:07	Kalamazoo	Diagnostic	62211	234700
2020/08/31 13:38:07	Kalamazoo	Total	64533	243460
2020/08/31 13:38:07	Kalkaska	Diagnostic	4461	247311
2020/08/31 13:38:07	Kalkaska	Serology	35	1940
2020/08/31 13:38:07	Kalkaska	Total	4496	249252
2020/08/31 13:38:07	Kent	Serology	11924	18150
2020/08/31 13:38:07	Kent	Diagnostic	196784	299540
2020/08/31 13:38:07	Kent	Total	208708	317690
2020/08/31 13:38:07	Keweenaw	Diagnostic	415	196125
2020/08/31 13:38:07	Keweenaw	Serology	14	6616
2020/08/31 13:38:07	Keweenaw	Total	429	202741
2020/08/31 13:38:07	Lake	Diagnostic	2807	236818
2020/08/31 13:38:07	Lake	Serology	105	8859
2020/08/31 13:38:07	Lake	Total	2912	245676
2020/08/31 13:38:07	Lapeer	Diagnostic	13603	155273
2020/08/31 13:38:07	Lapeer	Serology	1506	17190
2020/08/31 13:38:07	Lapeer	Total	15109	172463
2020/08/31 13:38:07	Leelanau	Diagnostic	3032	139332
2020/08/31 13:38:07	Leelanau	Serology	87	3998
2020/08/31 13:38:07	Leelanau	Total	3119	143330
2020/08/31 13:38:07	Lenawee	Diagnostic	18146	184315
2020/08/31 13:38:07	Lenawee	Serology	695	7059
2020/08/31 13:38:07	Lenawee	Total	18841	191374
2020/08/31 13:38:07	Livingston	Diagnostic	43049	224219
2020/08/31 13:38:07	Livingston	Serology	4204	21896
2020/08/31 13:38:07	Livingston	Total	47253	246116

2020/08/31 13:38:07	Luce	Diagnostic	720	115588
2020/08/31 13:38:07	Luce	Serology	25	4013
2020/08/31 13:38:07	Luce	Total	745	119602
2020/08/31 13:38:07	Mackinac	Diagnostic	1445	133809
2020/08/31 13:38:07	Mackinac	Serology	42	3889
2020/08/31 13:38:07	Mackinac	Total	1487	137698
2020/08/31 13:38:07	Macomb	Serology	26590	30424
2020/08/31 13:38:07	Macomb	Diagnostic	192532	220295
2020/08/31 13:38:07	Macomb	Total	219122	250720
2020/08/31 13:38:07	Manistee	Diagnostic	3615	147203
2020/08/31 13:38:07	Manistee	Serology	123	5009
2020/08/31 13:38:07	Manistee	Total	3738	152211
2020/08/31 13:38:07	Marquette	Diagnostic	25835	387337
2020/08/31 13:38:07	Marquette	Serology	879	13179
2020/08/31 13:38:07	Marquette	Total	26714	400516
2020/08/31 13:38:07	Mason	Diagnostic	8381	287572
2020/08/31 13:38:07	Mason	Serology	344	11803
2020/08/31 13:38:07	Mason	Total	8725	299376
2020/08/31 13:38:07	Mecosta	Serology	373	8584
2020/08/31 13:38:07	Mecosta	Diagnostic	8633	198674
2020/08/31 13:38:07	Mecosta	Total	9006	207258
2020/08/31 13:38:07	Menominee	Diagnostic	3479	152722
2020/08/31 13:38:07	Menominee	Serology	39	1712
2020/08/31 13:38:07	Menominee	Total	3518	154434
2020/08/31 13:38:07	Midland	Serology	764	9188
2020/08/31 13:38:07	Midland	Diagnostic	10973	131957
2020/08/31 13:38:07	Midland	Total	11737	141144
2020/08/31 13:38:07	Missaukee	Diagnostic	2328	153989
2020/08/31 13:38:07	Missaukee	Serology	66	4366
2020/08/31 13:38:07	Missaukee	Total	2394	158354
2020/08/31 13:38:07	Monroe	Serology	2433	16166
2020/08/31 13:38:07	Monroe	Diagnostic	28168	187163
2020/08/31 13:38:07	Monroe	Total	30601	203329
2020/08/31 13:38:07	Montcalm	Diagnostic	16316	255384
2020/08/31 13:38:07	Montcalm	Serology	826	12929
2020/08/31 13:38:07	Montcalm	Total	17142	268313
2020/08/31 13:38:07	Montmorency	Serology	84	9005
2020/08/31 13:38:07	Montmorency	Diagnostic	1126	120712
2020/08/31 13:38:07	Montmorency	Total	1210	129717
2020/08/31 13:38:07	Muskegon	Diagnostic	52788	304138
2020/08/31 13:38:07	Muskegon	Serology	1100	6338
2020/08/31 13:38:07	Muskegon	Total	53888	310476
2020/08/31 13:38:07	Newaygo	Serology	512	10453
2020/08/31 13:38:07	Newaygo	Diagnostic	11418	233116
2020/08/31 13:38:07	Newaygo	Total	11930	243569
2020/08/31 13:38:07	Oakland	Serology	58432	46464
2020/08/31 13:38:07	Oakland	Diagnostic	295099	234655
2020/08/31 13:38:07	Oakland	Total	353531	281119
2020/08/31 13:38:07	Oceana	Diagnostic	9896	373900
2020/08/31 13:38:07	Oceana	Serology	249	9408

2020/08/31 13:38:07	Oceana	Total	10145	383308
2020/08/31 13:38:07	Ogemaw	Diagnostic	3258	155165
2020/08/31 13:38:07	Ogemaw	Serology	93	4429
2020/08/31 13:38:07	Ogemaw	Total	3351	159594
2020/08/31 13:38:07	Ontonagon	Diagnostic	1786	312238
2020/08/31 13:38:07	Ontonagon	Serology	15	2622
2020/08/31 13:38:07	Ontonagon	Total	1801	314860
2020/08/31 13:38:07	Osceola	Diagnostic	6428	273998
2020/08/31 13:38:07	Osceola	Serology	205	8738
2020/08/31 13:38:07	Osceola	Total	6633	282737
2020/08/31 13:38:07	Oscoda	Diagnostic	947	114913
2020/08/31 13:38:07	Oscoda	Serology	17	2063
2020/08/31 13:38:07	Oscoda	Total	964	116976
2020/08/31 13:38:07	Otsego	Diagnostic	3133	127007
2020/08/31 13:38:07	Otsego	Serology	233	9445
2020/08/31 13:38:07	Otsego	Total	3366	136452
2020/08/31 13:38:07	Ottawa	Serology	3652	12514
2020/08/31 13:38:07	Ottawa	Diagnostic	78118	267683
2020/08/31 13:38:07	Ottawa	Total	81770	280197
2020/08/31 13:38:07	Presque Isle	Diagnostic	1443	114597
2020/08/31 13:38:07	Presque Isle	Serology	111	8815
2020/08/31 13:38:07	Presque Isle	Total	1554	123412
2020/08/31 13:38:07	Roscommon	Serology	239	9950
2020/08/31 13:38:07	Roscommon	Diagnostic	4315	179649
2020/08/31 13:38:07	Roscommon	Total	4554	189600
2020/08/31 13:38:07	Saginaw	Serology	1219	6398
2020/08/31 13:38:07	Saginaw	Diagnostic	60877	319499
2020/08/31 13:38:07	Saginaw	Total	62096	325897
2020/08/31 13:38:07	Sanilac	Diagnostic	9167	222662
2020/08/31 13:38:07	Sanilac	Serology	428	10396
2020/08/31 13:38:07	Sanilac	Total	9595	233058
2020/08/31 13:38:07	Schoolcraft	Diagnostic	1212	149741
2020/08/31 13:38:07	Schoolcraft	Serology	36	4448
2020/08/31 13:38:07	Schoolcraft	Total	1248	154188
2020/08/31 13:38:07	Shiawassee	Diagnostic	13784	202343
2020/08/31 13:38:07	Shiawassee	Serology	1357	19920
2020/08/31 13:38:07	Shiawassee	Total	15141	222263
2020/08/31 13:38:07	St Clair	Diagnostic	26754	168129
2020/08/31 13:38:07	St Clair	Serology	3855	24226
2020/08/31 13:38:07	St Clair	Total	30609	192355
2020/08/31 13:38:07	St Joseph	Serology	539	8841
2020/08/31 13:38:07	St Joseph	Diagnostic	14134	231842
2020/08/31 13:38:07	St Joseph	Total	14673	240683
2020/08/31 13:38:07	Tuscola	Diagnostic	15792	302268
2020/08/31 13:38:07	Tuscola	Serology	487	9321
2020/08/31 13:38:07	Tuscola	Total	16279	311590
2020/08/31 13:38:07	Unknown	Serology	19768	
2020/08/31 13:38:07	Unknown	Diagnostic	215388	
2020/08/31 13:38:07	Unknown	Total	235156	
2020/08/31 13:38:07	Van Buren	Diagnostic	21534	284551

2020/08/31 13:38:07	Van Buren	Serology	462	6105
2020/08/31 13:38:07	Van Buren	Total	21996	290656
2020/08/31 13:38:07	Washtenaw	Diagnostic	106036	288454
2020/08/31 13:38:07	Washtenaw	Serology	9065	24660
2020/08/31 13:38:07	Washtenaw	Total	115101	313114
2020/08/31 13:38:07	Wayne	Serology	38303	34701
2020/08/31 13:38:07	Wayne	Diagnostic	316156	286422
2020/08/31 13:38:07	Wayne	Total	354459	321123
2020/08/31 13:38:07	Wexford	Diagnostic	6454	191906
2020/08/31 13:38:07	Wexford	Serology	126	3747
2020/08/31 13:38:07	Wexford	Total	6580	195653

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-08-31

MessageDate	COUNTY	Negative	Positive	Total
8/30/2020	Alcona	7	0	7
8/30/2020	Alger	1	0	1
8/30/2020	Allegan	277	5	282
8/30/2020	Alpena	8	0	8
8/30/2020	Antrim	74	3	77
8/30/2020	Arenac	25	4	29
8/30/2020	Baraga	3	0	3
8/30/2020	Barry	119	0	119
8/30/2020	Bay	141	9	150
8/30/2020	Benzie	41	0	41
8/30/2020	Berrien	466	17	483
8/30/2020	Branch	106	0	106
8/30/2020	Calhoun	235	3	238
8/30/2020	Cass	91	2	93
8/30/2020	Charlevoix	85	1	86
8/30/2020	Cheboygan	26	0	26
8/30/2020	Chippewa	4	0	4
8/30/2020	Clare	13	0	13
8/30/2020	Clinton	98	1	99
8/30/2020	Correctional	568	0	568
8/30/2020	Crawford	27	0	27
8/30/2020	Delta	43	9	52
8/30/2020	Detroit City	1179	32	1211
8/30/2020	Dickinson	10	0	10
8/30/2020	Eaton	166	5	171
8/30/2020	Emmet	108	3	111
8/30/2020	Genesee	477	11	488
8/30/2020	Gladwin	10	1	11
8/30/2020	Gogebic	2	0	2
8/30/2020	Grand Traverse	197	9	206
8/30/2020	Gratiot	34	1	35
8/30/2020	Hillsdale	37	0	37
8/30/2020	Houghton	50	0	50
8/30/2020	Huron	83	0	83
8/30/2020	Ingham	439	9	448
8/30/2020	Ionia	157	1	158
8/30/2020	Iosco	29	0	29
8/30/2020	Iron	8	1	9
8/30/2020	Isabella	106	9	115
8/30/2020	Jackson	293	3	296
8/30/2020	Kalamazoo	541	9	550
8/30/2020	Kalkaska	159	2	161
8/30/2020	Kent	1534	44	1578
8/30/2020	Keweenaw	2	0	2
8/30/2020	Lake	17	0	17
8/30/2020	Lapeer	154	3	157
8/30/2020	Leelanau	14	0	14

8/30/2020	Lenawee	164	8	172
8/30/2020	Livingston	407	18	425
8/30/2020	Luce	1	0	1
8/30/2020	Mackinac	3	0	3
8/30/2020	Macomb	1129	82	1211
8/30/2020	Manistee	33	1	34
8/30/2020	Marquette	53	2	55
8/30/2020	Mason	34	0	34
8/30/2020	Mecosta	94	1	95
8/30/2020	Menominee	21	5	26
8/30/2020	Midland	52	3	55
8/30/2020	Missaukee	21	1	22
8/30/2020	Monroe	237	14	251
8/30/2020	Montcalm	127	1	128
8/30/2020	Montmorency	11	0	11
8/30/2020	Muskegon	322	11	333
8/30/2020	Newaygo	77	1	78
8/30/2020	Oakland	2176	90	2266
8/30/2020	Oceana	64	1	65
8/30/2020	Ogemaw	5	1	6
8/30/2020	Ontonagon	16	0	16
8/30/2020	Osceola	33	1	34
8/30/2020	Oscoda	4	0	4
8/30/2020	Otsego	41	1	42
8/30/2020	Ottawa	747	14	761
8/30/2020	Presque Isle	15	0	15
8/30/2020	Roscommon	30	0	30
8/30/2020	Saginaw	474	21	495
8/30/2020	Sanilac	57	0	57
8/30/2020	Schoolcraft	3	0	3
8/30/2020	Shiawassee	231	5	236
8/30/2020	St Clair	132	4	136
8/30/2020	St Joseph	92	0	92
8/30/2020	Tuscola	123	5	128
8/30/2020	Unknown	662	19	681
8/30/2020	Van Buren	211	8	219
8/30/2020	Washtenaw	910	14	924
8/30/2020	Wayne	2006	93	2099
8/30/2020	Wexford	51	5	56